



# DEPARTMENT OF THE INTERIOR

## INFORMATION SERVICE

BUREAU OF BIOLOGICAL SURVEY

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### FEDERAL AID LAW HELPS STATES RESTORE WILDLIFE

During the first 21 months of operations, 196 Federal Aid in Wildlife Restoration projects in 43 States were approved by the Bureau of Biological Survey, it was reported today to Secretary of the Interior Harold L. Ickes. The importance of this phase of the national conservation program is indicated by the fact that about 125 trained wildlife experts are supervising the work.

The demand for trained technicians to conduct this work is greater than the supply, apparently, for 20 percent of the States have asked aid in finding qualified professional workers. The difficulty seems to be not that there aren't enough applicants for the positions but that too few applicants can meet the rigid requirements.

Under the Federal Aid program, participating States sponsor wildlife restoration projects which include research into problems of wildlife management, restoration of areas of land or water to provide additional benefits for all forms of wildlife, and acquisition of lands for wildlife management and breeding areas. The Federal Government pays 75 percent of the cost, and the State 25 percent.

Typical examples of Federal Aid projects include studies of wild turkeys in Arizona, purchases of winter range for deer and elk in Colorado, transplantings of beavers in Idaho, restocking of pheasants in Nebraska, restoration of bobwhite quail in Oklahoma, and studies on factors determining the abundance of Rocky Mountain sheep in Wyoming.

Of the 196 Federal Aid projects already under way, 72 are research projects to which about 100 wildlife technicians devote full time; 76 are development projects employing 30 professional, technical, or specially trained supervisors; and 48 are land acquisition projects employing 30 appraisers, negotiators, surveyors, and title examiners.

In addition to the full-time employees, the Federal Aid program benefits from the part-time services of 65 college students and an unestimated number of WPA and CCC employees.

Cooperating with the Biological Survey and State fish and game departments in formulating and directing Federal Aid work are regular State employees, conservation workers in other Federal agencies, and staff members of universities and colleges.

It seems apparent, according to Survey officials, that as time goes on, a large majority of the professional wildlife workers in the country will have some connection--as workers, consultants, or collaborators--with the program to restore wildlife in the various States.

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(NOTE TO EDITORS: The following is a tabulation of the Federal Aid projects in 43 States for the 21-months period ended March 31, 1940. Under "Available Funds" is listed the total of Federal Aid and State contributions.)

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<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>APPROVED PROJECTS</u>
Alabama.....	\$46,015.14	1 project: State-wide survey of wildlife resources.
Arizona.....	63,851.26	7 projects: Re-establishment of breeding stocks of wild turkey in suitable habitats in Pima, Cochise, and Graham Counties. (Project completed.)
"		State-wide investigation of limiting factors affecting wild turkey in Arizona.
"		State-wide redistribution of quail from overpopulated to underpopulated areas.

STATEAVAILABLE FUNDSAPPROVED PROJECTS

Arizona - Continued

State-wide redistribution of beaver from overpopulated to underpopulated areas.

" State-wide establishment of ring-necked pheasants in irrigated valleys.

" Reestablishment of breeding stocks of wild turkey in suitable habitats in Pima, Cochise, Graham, and Yavapai Counties.

" State-wide survey of wildlife resources.

Arkansas..... \$35,018.61 2 projects:  
Deer restoration development in Howard County.

" Reestablishment of wild turkey in Franklin, Montgomery, Grant, Clark, and Pulaski Counties.

California..... 127,857.96 1 project:  
A survey to determine present status of three kinds of beavers in the State.Colorado..... 76,980.11 9 projects:  
State-wide survey of the summer-winter food problems of deer and elk. (Project completed.)

" State-wide survey of the beaver resources of the State. (Project completed.)

" Purchase of 6,134 acres as winter range for deer and elk in Gunnison County. (Project completed.)

" State-wide general survey of the wildlife resources of the State.

" Purchase of winter range for deer, 640 acres in Rio Blanco County.

" Fencing of the Wray Upland Bird Refuge in Yuma County. (Project completed.)

" Purchase of addition to Cathedral Creek Deer Feeding Grounds.

" Development of the Junta Sanctuary in Otero County.

" Acquisition of lands in Grant County known as Hot Sulphur deer-elk range.

<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>APPROVED PROJECTS</u>
Connecticut.....	\$8,574.12	2 projects: State-wide investigation of ruffed grouse habitat.
"		Posting, fencing and cover planting on Scovill Wildlife Sanctuary.
Delaware.....	4,684.63	1 project: State-wide investigation to determine the value of seed stock areas in maintaining a wildlife supply.
Idaho.....	61,206.44	8 projects: State-wide transplanting of problem beaver from overpopulated areas to suitable habitats now understocked.
"		Purchase and erection of refuge signs on 40 State game preserves throughout the State.
"		Transplanting of pheasants from abundant to underpopulated areas in Nez Perce, Latah, Canyon, Jofferson and adjacent counties.
"		State-wide transplanting of Hungarian partridges from abundant to underpopulated areas.
"		State-wide wildlife survey.
"		Acquisition of 575 acres for Hagerman Valley Refuge in Gooding County.
"		Acquisition of lands in Lewis County for the Nez Perce Bird Refuge.
"		Acquisition of lands in Idaho County for establishment of Idaho County Bird Refuge.
Illinois.....	89,678.36	6 projects: Survey of fur animal resources in Lake, Lee, Fulton, Calhoun, Champaign, Jasper and Union Counties.
"		State-wide study of correlation between the availability and use made of food supplies by game birds.

<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>APPROVED PROJECTS</u>
Illinois - Continued		Improvement of food and cover on farm lands in Champaign County.
"		Study of farm game and fur management methods in Champaign County.
"		State-wide survey of potential wildlife habitat for restoration areas the Illinois prairie.
"		Purchase of Green River Waterfowl and Upland Game Refuge.
Indiana.....	\$113,933.04	1 project: Purchase of Hovey Lake and environs in Posey County.
Iowa.....	57,838.49	1 project: Purchase of waterfowl, fur animal, and upland game refuge in Worth and Winnebago Counties.
Kansas.....	53,012.20	2 projects: Purchase of additional lands to establish State game preserve in Finney County.
"		Fencing and improving habitat on Finney County Preserve.
Kentucky.....	41,703.18	5 projects: Purchase of deer and upland game refuge in Harlan County. (Project completed.)
"		Providing of water on Flatwoods Refuge.
"		Development of Flatwoods Refuge.
"		Development of Harlan upland game refuge.
"		Purchase of deer and upland game refuge in Pike County. (Project completed.)
Maine.....	37,844.16	2 projects: State-wide survey to determine measures necessary to improve lakes for wildlife.
"		State-wide improvement of lakes in accordance with investigations resulting from survey.

<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>APPROVED PROJECTS</u>
Maryland....	\$20,313.40	3 projects: Purchase of 1,206 acres for upland game refuge in Washington County.
"		Posting and fencing nine wildlife refuges in State Forests in Worcester and Garrett Counties.
"		Fencing, posting, planting food and cover for game animals and birds on Indian Springs Area in Washington County.
Massachusetts	20,015.68	6 projects: Investigation to determine means of improving winter conditions for waterfowl in Newburyport, Orleans, Martha's Vineyard, and Cape Cod Counties.
"		Improvement of wildlife areas on Wrentham State Forest in Norfolk County. (Project completed.)
"		Improvement of wildlife areas on D.A.R. State Forest in Hampshire County. (Project completed.)
"		Improvement of wildlife areas on Hawley State Forest in Franklin County.
"		Cover development of Myles Standish State Forest.
"		State-wide investigation of ring-necked pheasants.
Michigan.....	173,878.45	9 projects: Investigation to determine most effective raccoon management practices in Allegan County.
"		Investigation designed to develop proper coordination of game management and farm practices in Clinton County.
"		Purchase of land for grouse, rabbits, pheasants and other upland game in Tuscola County.
"		Purchase of 198 acres of typical Michigan farm land as an addition to the Rose Lake Wildlife Experiment Station in Clinton and Shiawassee Counties.

<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>APPROVED PROJECTS</u>
Michigan - Continued		State-wide study of sharp-tailed grouse and their relationships with prairie chickens.
"		State-wide study of effects of forest fires on plant succession and wildlife.
"		Survey to ascertain habitat requirements of ring-necked pheasants in Saginaw County.
"		Survey to study populations and habitat improvements for fox squirrels in Allegan and other counties.
"		State-wide study of survival and behavior of Hungarian partridges.
Minnesota.....	\$90,406.31	4 projects: Fencing and posting on the Carlos Avery Refuge in Anoka County. (Project completed.)
"		Addition to Carlos Avery Refuge in Anoka County.
"		Addition to Thief Lake Waterfowl Refuge in Marshall County. (Project completed.)
"		State-wide establishment of seed stock refuges on State lands.
Mississippi...	47,256.71	2 projects: Food and cover planting on State game preserves in Hinds County. (Project completed.)
"		Food and cover development and redistribution of deer, turkey, and beaver on national forest wildlife areas, in Perry, George, Wayne, and Scott Counties.
Missouri.....	69,466.77	2 projects: State-wide survey of the wildlife resources of the State.
"		Extension of State-wide wildlife survey.

<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>APPROVED PROJECTS</u>
Nebraska.....	\$70,084.32	2 projects: State-wide redistribution of cover development for ring-necked pheasants.
"		State-wide redistribution of cover development for bobwhite quail.
New Hampshire..	15,901.75	3 projects: Experimental stocking and cover improvement for pheasants, grouse, ducks, and fur animals in Merrimac County.
"		State-wide investigation into and experimental manipulation of ruffed grouse habitat requirements.
"		State-wide improvement of ruffed grouse habitat by cover manipulation.
New Jersey.....	32,315.95	7 projects: Leasing of seed stock refuges for upland game species in Warren County.
"		Planting of food and cover for upland game, in Warren County.
"		Study of the effectiveness of refuges in maintaining a wildlife supply in Hunterdon and Warren Counties.
"		Planting of food patches to deflect seasonal deer movements from agricultural areas in Atlantic County.
"		Leasing of lands for food plots for deer.
"		Investigations of natural rabbit propagation for restocking purposes.
"		Study of pheasant nests in relation to refuges and public shooting grounds.
New Mexico.....	67,274.75	3 projects: State-wide redistribution of antelope from overstocked to depleted ranges.
"		Purchase of 1,915 acres for Milnesand lesser prairie chicken refuge in Roosevelt County.
"		Purchase of 1,280 acres for Bluit lesser prairie chicken refuge in Roosevelt County.

<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>APPROVED PROJECTS</u>
New York .....	\$169,676.29	6 projects: State-wide study of effective wildlife-management practices for important game species.
"		Purchase of 100 acres additional to Delmar Wildlife Research Center in Albany County. (Project completed.)
"		Construction of pathological laboratory on Delmar Wildlife Research Center in Albany County.
"		State-wide leasing of land for seed stock refuges for upland game and fur animals.
"		State-wide improvement of seed stock refuges of upland game species and fur animals.
"		Revegetation of State-owned land deficient in wildlife food and cover in 16 counties.
North Carolina...	59,755.09	7 projects: Construction of two dams for water impoundment and control in Richmond County.
"		State-wide survey of farm game management practices operating under field conditions.
"		Broad development of Holly Shelter Wildlife Refuge to aid in administration and improve wildlife habitat in Pender County.
"		Purchase of additional lands to provide access to Holly Shelter Refuge in Pender County.
"		State-wide survey of fur resources.
"		Food and cover development of Sandhills wildlife area.
"		Development of John Pickett Council Refuge in Blander County.

<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>APPROVED PROJECTS</u>
North Dakota..	\$39,422.87	5 projects: Development of Dawson Wildlife Refuge to facilitate administration and improve conditions for upland game species in Kidder County.
"		Improvement of wildlife habitat Cedar Lake Refuge for upland game and waterfowl in Slope County.
"		Consolidation of Dawson Game Refuge by acquisition of 480 acres of interior holdings.
"		Development of Morton County Upland Game Refuge.
"		State-wide investigation of factors influencing development of sharp-tailed grouse, ring-necked pheasants, and Hungarian partridges.
Ohio.....	133,857.48	2 projects: Restoration of ruffed grouse.
"		Development of the Grandview grouse management area in Washington County.
Oklahoma.....	54,386.38	3 projects: State-wide restoration and management of bob-white quail. (Project completed.)
"		State-wide survey of wildlife resources.
"		Continuation of State-wide quail restoration.
Oregon.....	66,041.97	3 projects: State-wide transplanting of beaver to suitable habitats and range.
"		Restoration of sage grouse habitat in southeastern Oregon.
"		Reseeding of burned-over areas in Tillamook, Yamhill, and Washington Counties.

<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>APPROVED PROJECTS</u>
Pennsylvania..	\$157,901.88	9 projects: State-wide economic survey of native furbearing animals.
"		Acquisition of lands for game management in refuge areas in 9 counties.
"		Acquisition of lands for game management refuge areas in Cumberland County.
"		Controlled breeding experiment with deer in Lycoming County.
"		Development of Loyalsock wildlife experiment station in Lycoming County.
"		State-wide survey of food and cover requirements for upland game species.
"		Acquisition of 20 additional tracts for "State Game Lands" in 11 counties.
"		Economic survey of muskrat, skunk, and fox in northwestern Pennsylvania.
"		Study of wildlife-forest relations.
Rhode Island...	2,501.15	1 project: Investigation of game management practices adaptable to State conditions in Washington County.
South Carolina	34,890.06	2 projects: Reestablishment of quail on improved areas in Sumter National Forest in Chester, Fairfield, Laurens and Union Counties.
"		Reestablishment of quail on improved areas in Poinsett State Forest in Sumter County.
South Dakota..	46,117.59	1 project: Acquisition of lands in Lake County for wild-life refuge.
Tennessee.....	36,658.53	2 projects: Acquisition of 18,000 acres for upland game species in Cheatham County.
"		Deer restoration development in Cheatham County.

<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>APPROVED PROJECTS</u>
Texas.....	\$158,631.77	4 projects: State-wide survey of the wildlife resources.
"		State-wide improvement of quail habitat and reestablishment of species in depleted covers.
"		State-wide transplanting of antelope to suitable range now deficient in stock.
"		Restoration of white-tailed deer and wild turkeys.
Utah.....	54,432.84	7 projects: Improvement of waterfowl conditions in Ogden Bay by water impoundment in Weber County.
"		Beaver management and stream run-off survey.
"		Acquisition of 117 acres Cache Experiment and winter feeding area for deer in Cache County. (Project completed.)
"		Acquisition of land and water rights for improvement of Provo Bay Refuge in Utah County. (Project completed.)
"		Expansion of original project to improve waterfowl conditions, Ogden Bay, in Weber County.
"		Purchase of Millard County Winter Deer Range.
"		Investigation of mule deer food habits and range use.
Vermont.....	14,835.04	3 projects: State-wide survey, wildlife resources.
"		State-wide survey and investigation of deer.
"		Investigation of fur resources on Lake Champlain.
Virginia.....	50,526.77	7 projects: Reestablishment of deer on Thomas Jefferson and George Washington National Forests and adjacent areas in 12 counties. (Project completed.)

<u>STATE</u>	<u>AVAILABLE FUNDS</u>	<u>PROJECTS APPROVED</u>
Virginia - Continued		State-wide survey of present distribution and factors influencing abundance of wild turkeys.
"		Restoration of wild turkey on Thomas Jefferson National Forest and Mountain Lake State Game Sanctuary in Giles and Smyth Counties. (Project completed.)
"		State-wide survey of effect of cleared areas in forests on wildlife populations. (Project completed.)
"		Survey and investigation of forest wild-life relationships in Giles, Roanoke, and Augusta Counties.
"		Restoration of wild turkey on Thomas Jefferson National Forest, 9 counties.
"		Restoration of deer on George Washington and Thomas Jefferson National Forests, 12 counties.
Washington.....	\$80,414.44	4 projects: Acquisition of 18,000 acres as winter range for deer in Okanogan County.
"		Acquisition of winter range for elk in Yakima County.
"		Acquisition of Squaw Creek Antelope Range and Wildlife Refuge in Kittitas County.
"		Development of Squaw Creek Antelope Range and Wildlife Refuge in Kittitas County.
West Virginia...	51,161.24	7 projects: Acquisition of 9,000 acres for Nathaniel Mountain Game Management Area in Hampshire County. (Project completed.)
"		Development of Nathaniel Mountain Wildlife Area in Hampshire County.

STATEAVAILABLE FUNDSAPPROVED PROJECTS

West Virginia -- Continued

Improvement of the Braxton County Game Refuge.

" "

Purchase of 5,000 metal signs for marking 177 miles of boundary on six State refuges. (Project completed.)

" "

Reestablishment of deer in six counties. (Project completed.)

" "

Purchase of Panther Creek Game Preserve.

" "

Construction of refuge keeper's dwelling on Nathaniel Mountain Area.

Wisconsin.....

\$81,441.92

1 project:

Investigation of quail populations, Prairie du Sac Experimental Area.

Wyoming.....

53,862.89

4 projects:

Investigation of factors determining abundance of Rocky Mountain bighorn sheep in Fremont, Park, Sublette and Teton Counties.

"

Acquisition of 450 acres winter feeding ground for elk in Teton County. (Project completed.)

"

Acquisition of 160 acres winter feeding ground for elk in Teton County. (Project completed.)

"

State-wide sage grouse survey and restoration project.